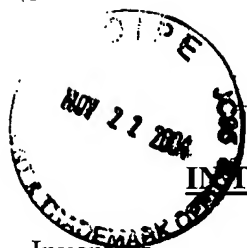


IFW



Serial No.: 10/828,568  
Attorney Docket No.: 506417-0820

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors : Eddie F. Coney  
Serial No. : 10/828,568  
Title : VAPOR-LIQUID CONTACT TRAYS FOR MASS  
TRANSFER COLUMN AND METHOD  
EMPLOYING SAME  
Filing Date : April 21, 2004  
Group/Art Unit : 1724  
Confirmation No. : 5287  
Atty. Docket No. : 506417-0820

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the above-identified application:

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked; and

**NEW POWER OF ATTORNEY**

J. David Wharton, Reg. No. 25,717; Susan Wharton Bell, Reg. No. 41,524; Judith L. Carlson, Reg. No. 41,904; Lana M. Knedlik, Reg. No. 42,748; Andrea F. Sellers, Reg. No. 44,102; Nancy T. Morris, Reg. No. 42,017; James H. Marsh, Jr., Reg. No. 24,533; Penny R. Slicer, Reg. No. 34,017; Kelly S.K. Elsea, Reg. No. 43,604; Christopher D. Brandt, Reg. No. 44,556 and Mark C. Young, Reg. No. 48,670, at the Customer Number listed below, namely Stinson Morrison Hecker LLP, Attn: Patent Group, 1201 Walnut, Suite 2800, Kansas City, Missouri 64106-2150, telephone (816) 842-8600, are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

**Direct all registration information and correspondence to:**

☒ **Customer Number 27910**

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: November 18, 2004  
Signature: Lara Gurdley  
Printed Name: Lara Gurdley

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.

**Direct all telephone calls to: J. David Wharton, Telephone (816) 842-8600**  
**Facsimile (816) 691-3495**

**Assignments: U.S. Patent Application Serial No. 10/828,568 which assignment is:**

- ☐ Assignment from [ ] to [ ] recorded in the Patent and Trademark Office on [ ] at Reel [ ], Frame [ ].
- ☐ Recorded herewith.
- ☒ Assignment from Eddie F. Coney to Koch-Glitsch, LP filed for recordation in the Patent and Trademark Office on April 21, 2004 and recorded at Reel/Frame 015253/0184.

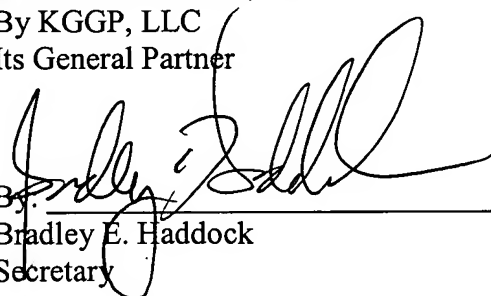
**ASSIGNEE STATEMENT**

Attached to this power is a "STATEMENT UNDER 37 C.F.R. § 3.73(b)."

Signed this 12<sup>th</sup> day of November, 2004.

**KOCH-GLITSCH, LP**

By KGGP, LLC  
Its General Partner

By:   
Bradley E. Haddock  
Secretary



Serial No.: 10/828,568  
Attorney Docket No.: 506417-0820

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors : Eddie F. Coney  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 C.F.R. § 3.73(b) –  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

Koch-Glitsch, LP, a limited partnership, duly organized under the laws of the State of Delaware, states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ Assignments from the inventors, a copy of which is attached.

AND/OR

- B. ☐ A chain of title from the inventors of the patent application/patent identified above to the current assignee as shown below.

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: November 18, 2004

Signature: Lara Gurlay

Printed Name: Lara Gurlay

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.



Copies of assignments or other documents in the chain of title are attached.

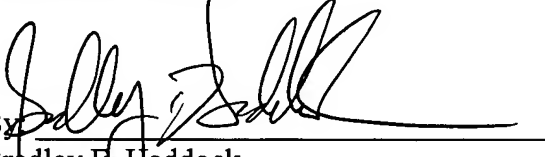
The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Signed this 12<sup>th</sup> day of November, 2004.

**KOCH-GLITSCH, LP**

By KGGP, LLC

Its General Partner

By   
\_\_\_\_\_  
Bradley E. Haddock  
Secretary



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 19, 2004

PTAS



\*102730298A\*

SHOOK, HARDY & BACON L.L.P.  
MICHAEL B. HURD  
2555 GRAND BLVD.  
KANSAS CITY, MISSOURI  
64108-2613

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/21/2004

REEL/FRAME: 015253/0184  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: KOCH.105488 ✓

ASSIGNOR:

CONEY, EDDIE F. ✓

DOC DATE: 04/16/2004

ASSIGNEE:

KOCH-GLITSCH, LP  
4111 E. 37TH STREET NORTH  
WICHITA, KANSAS 67220

SERIAL NUMBER: 10828568 ✓

FILING DATE: 04/21/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: VAPOR-LIQUID CONTACT TRAYS FOR MASS TRANSFER COLUMN AND METHOD  
✓ EMPLOYING SAME

506417-0820

KOCH.105488

015253/0184 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Express Mail No. EV 369936939 U

Attorney Docket No. KOCH.105488

FORM PTO-1595

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NOV 22 2004

-2004

U.S. DEPT. OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To The Honorable Commissioner of Patents

nal documents or copy thereof.

1. Name of conveying party(ies): Eddie F. Coney

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_

Execution Date: April 16, 2004

Name:

Koch-Glitsch, LP

Street Address:

4111 E. 37<sup>th</sup> Street North

City:

Wichita

State:

Kansas

Zip:

67220

Additional name(s) & address(es) attached? ☐ Yes ☒ No19587 U.S. PTO  
10/828568

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 16, 2004.

A. Patent Application No.(s):

101828568

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael B. Hurd

Internal Address: Shook, Hardy &amp; Bacon L.L.P.

Street Address: 2555 Grand Blvd.

City: Kansas City

State: Missouri

Zip: 64108-2613

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00



Enclosed



(See Patent Application Transmittal Form)



Authorized to be charged to deposit account

8. Deposit Account No.: 19-2112

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael B. Hurd

Signature

Date

Name of person signing

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the US Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

04/23/2004 EHAILE1 00000029 10828568

03 FC:8021

40.00 OP

### ASSIGNMENT

WHEREAS, I, Eddie F. Coney, of 701 Clover Park Drive, Arlington, in the County of Tarrant, and State of Texas, have invented certain new and useful improvements in VAPOR-LIQUID CONTACT TRAYS FOR MASS TRANSFER COLUMN AND METHOD EMPLOYING SAME for which I am about to make application for Letters Patent of the United States; and

WHEREAS, Koch-Glitsch, LP, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 4111 E. 37<sup>th</sup> Street North, Wichita, County of Sedgwick, and State of Kansas, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Eddie F. Coney, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Koch-Glitsch, LP, the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the specification prepared and executed by me on even date herewith preparatory to obtaining Letters Patent of the United States therefor; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all



refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said Koch-Glitsch, LP for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 16 day of April, 2004.

Eddie F. Coney  
Eddie F. Coney

STATE OF Texas :  
: ss.  
COUNTY OF Dallas :

Before me personally appeared Eddie F. Coney, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth, on the day and year aforesaid.

Betty G. Kaylor  
Notary Public

SEAL

My Commission Expires:

Oct 19, 2005

